Typical Case: Assisting Nexwise Intelligence in Upgrading System Security by Coremail Email Gateway

Nexwise Intelligence China Limited (hereinafter referred to as “Nexwise Intelligence”) was established in 2002 and listed in the Second-board Market of Shenzhen Stock Exchange in 2002.

Operated with two head offices, including one in Guangzhou and the other in Beijing, Nexwise Intelligence has approximately established 30 branches on a nationwide basis. Its businesses cover all areas of China and extend to the whole world.

With its swift development in businesses, **Nexwise Intelligence has faced competitions from the perspective of supply chains in place of previous competitions on general management in the fields of smart cities and intelligent security.** As a leader in the fields of artificial intelligence and new-generation information technology services in China, it has completely enhanced its capacity for protecting its email system (which is the most fundamental for IT governance) and improved its employees’ user experiences.

Challenge 1►It is urgent to strengthen protection of the email system and quick access is critical

Nexwise Intelligence is a public enterprise with its businesses spread at home and abroad. These years, it has undertaken several projects on intelligent security, including public security information network reconstruction and upgrading for Guangdong Provincial Public Security Department and “Xueliang Project” of Hengyang, Hunan Province.

Email system is one of main office systems for supporting business dealings, so its importance is obvious. It is urgent to protect email systems against spams, phishing and viruses with email gateways.

Highlight 1►5-min access of a cloud gateway for trial use and formal deployment for switching to protection by software gateways

Coremail secure email gateway is based on CAC (a big data center). It can intercept junk advertisements, phishing emails, virus emails and BEC in real time. **Its interception efficiency is up to 99.8%.**

Dependent upon its quick access, which is one of its strengths, Coremail cloud gateway has become Nexwise Intelligence's preferred security protection product for trial use.

"Expedient access is the major strength of the cloud gateway for trial use and facilitates rapid connection with our businesses."

--Mr. Chen, an engineer and manager of Nexwise Intelligence

It only takes 5 minutes to deploy and access Coremail cloud email security gateway!

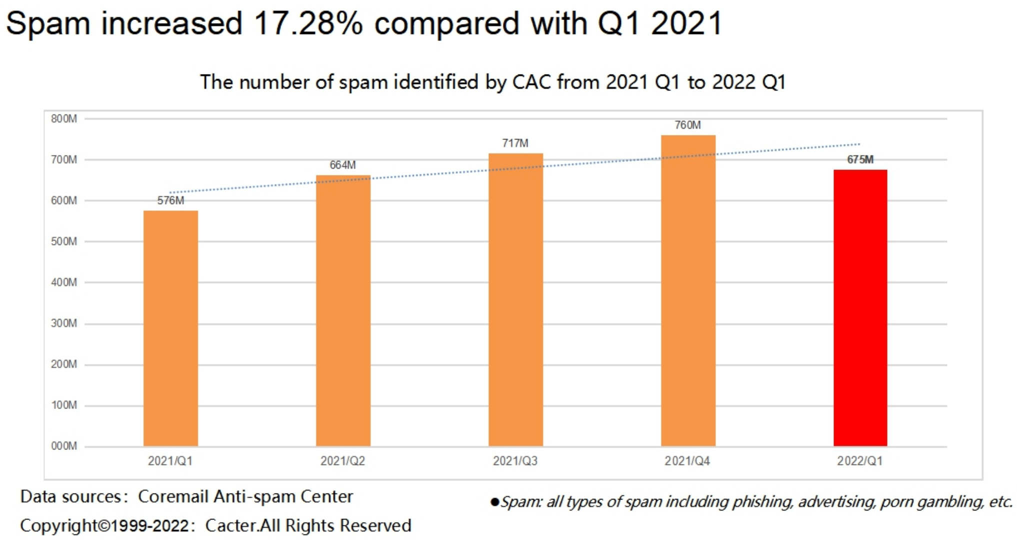
The access steps include relaxing restrictions on accessing the cloud gateway imposed by the firewall and the email system and modifying the record on the domain named DNS MX. The operations are simple, and it only takes 5 minutes to finish the deployment.

After a period of trial use, Mr. Chen spoke high of our product for its protection capacity and service responsiveness. Finally, he directly purchased Coremail cloud email security gateway.

"The cloud gateway has achieved the expected outcomes for security protection, so the leaders have been determined to continue using Coremail gateway. In consideration of data security, we choose localized deployment of the gateway so that lower memory will be occupied and it will be simpler to realize resource coexistence."

Challenge 2►Spams are rampant and seriously affect normal email communications

According to evaluation of CAC, nationwide enterprise email users received 675 million spams of different types in 2022 Q1, **with a year-on-year growth of 17.28%**.



Spam increased 17.28% compared with Q1 2021

The number of spam identified by CAC from 2021 Q1 to 2022 Q1

Data sources：Coremail Anti-spam Center

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●*Spam: all types of spam including phishing, advertising, porn gambling, etc.*

Number of Spams Identified by CAC in 2022 Q1

Nexwise Intelligence deeply understands that spams are rampant.

"Exaggeratedly speaking, it is normal that only 2 to 3 out of 10 emails (received by an employee" are normal, while all the remaining emails are spams. A user can almost receive 10 to 20 spams a day, which seriously impacts business communications."

"Previously, fraudulent emails were received from someone who pretended to be the Finance Department. Emails were massively sent from some employees' accounts after their accounts were stolen. Although they didn't cause information disclosure, property loss or other security incidents, they have reminded me that protective measures should be further strengthened to protect against fraudulent emails."

--Mr. Chen, an engineer and manager of Nexwise Intelligence

Highlight 2►99.8%User-friendly, with an interception efficiency up to 99.8% for malicious emails

After selection and rapid online trial use of Coremail cloud gateway, Mr. Chen found that:

> *"Previously, spams and phishing emails entered the spam box of the email system, but users easily clicked on the spams by mistake. Now, this situation rarely occurs. Users only need to retake the emails or directly choose not to receive them according to the notification letters in the quarantine zone. This has significantly relieved the pressure on operation and maintenance.*

Exact interception of malicious emails is inseparable from support of CAC. As the biggest anti-spam data center in China, CAC **daily processes more than 30,000,000 requests for anti-spam analysis, daily protects over 250,000 clients and daily intercepts more than 1,000,000 malicious emails on average. Its interception efficiency is up to 99.8% for malicious emails.**

In terms of anti-virus emails, Coremail **not only cooperates with QI-ANXIN, a large manufacturer of security products in China**, but also intercepts and splits attachments to documents in PDF, Word or Excel formats based on artificial intelligence algorithms and intelligent identification of encrypted zip files for anti-spam detection.

Challenge 3►Employees' security awareness is so poor that they easily click on unknown links

Email accounts are stolen, which is one of difficulties for managing enterprise email systems. The stolen accounts are easily put under control by hackers to send numerous malicious emails. Countless safety incidents resulting from malicious emails, including property loss and information disclosure, happen.

Although no such incident has ever occurred in Nexwise Intelligence, Mr. Chen has stated:

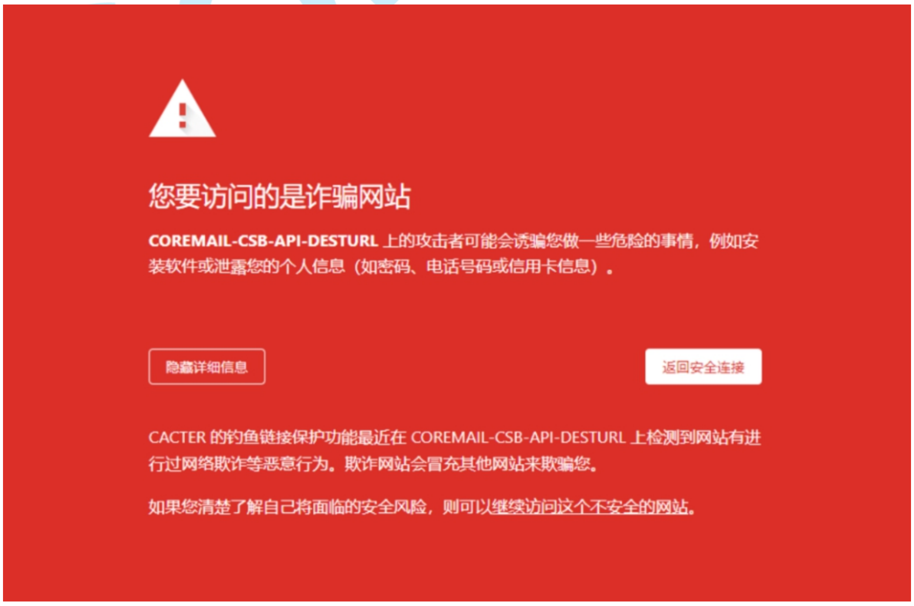
"Corporate email accounts are stolen, mainly because employees' security awareness is so poor that they have bad habits of using weak passwords and clicking on unknown links. We enable our email system to detect weak passwords, and those users who are detected to use weak passwords will be reminded of replacing their weak passwords with stronger ones. In addition, we shorten validity period of passwords and regularly urge them to update their passwords.

We consider locking accounts of users who don't log into their accounts over a long period. However, for users clicking on unknown links, we have no way to control these problems from their source."

Challenge 3►Provide dual protection against malicious links and increase users' security awareness

In respect of the pain point that users click on unknown email links, Coremail protects against malicious links.

Exactly identify various URLs by initial filtration and secondary detection for protection, for the purpose of realizing advance interception, midway reminding and post tracing.



您要访问的是诈骗网站

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CACTER 的钓鱼链接保护功能最近在 COREMAIL-CSB-API-DESTURL 上检测到网站有进行过网络欺诈等恶意行为。欺诈网站会冒充其他网站来欺骗您。

如果您清楚了解自己将面临的安全风险，则可以继续访问这个不安全的网站。

Reminder Interface on Malicious Links

This characteristic reminder function has been praised and recognized by Nexwise Intelligence. Mr. Chen commented,

"For Coremail's two repeated reminders on links, at the very beginning, some employees asked me what on earth the popout window was. At present, they remain cautious about the reminders on these popout windows. Apparently, they click on fewer unknown links."

Moreover, Mr. Chen has given our product **9 points** in respect of his **satisfaction** with Coremail email security gateway for his satisfactory product experiences.

Nexwise Intelligence has started from email security and taken multiple security measures to take the lead within the industry in corporate informationization. This also reflects that the path to protecting information security is endless. Coremail Email Security will courageously take challenges, constantly enhance its strengths and advance forward with its clients to jointly create favorable eco-environment for email security.